Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 27 Nov 2023 until 23:59 on Tuesday 28 Nov 2023

Forecast Issued on Monday 27 Nov 2023 at 01:56

Confidence: High confidence in the overall pattern and for the transition to cold conditions through the week. Lower confidence in details Thursday and Friday

Headline for Monday 27 Nov 2023: Dull start with outbreaks of rain, with sleet and snow at height. Drier interlude in the afternoon with further showery rain and hill snow tonight.

Mountain weather hazards on Monday 27 Nov 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light snow	Light snow	Partly cloudy (night)	Light rain showers (night)	Sleet showers (night)
Precipitation probability					
80%	80%	50%	20%	40%	60%

Forecast for Monday 27 Nov 2023

Weather: Low cloud and rain will push southwards early Monday, becoming widespread across southern Dales with some heavier bursts of rain. Rain turning increasingly wintry above about 500m. Remaining largely cloudy and dull, although drier for a time late afternoon and early evening, especially in the west. A band of showery rain and hill snow is expected to arrive from the northeast through the evening, accompanied by strong gusty winds and a risk of gales at height.

Chance of cloud-free hill tops above 600m: 20% at first, improving to 40-60% by early afternoon, mainly in the west. Lowering towards 20% as showery rain arrives late on.

Low Cloud and visibility: Extensive cloud with bases 400-600m through the morning, improving from the north into the afternoon with scattered or broken amounts around 600-800m. Bases lowering again from the north through the evening to around 400m. Visibility moderate in rain or showers, poor or very poor in heavy rain, sleet or snow. Visibility good outside of cloud when dry.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 27 Nov 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 NE	12/17 NE	12/18 N	14/21 N	15/22 N	20/38 NE	16/40 NE
300	11/22 NE	8/17 NE	9/18 N	10/21 N	11/24 N	13/29 NE	10/24 NE
Valley	14/25 NE	8/20 NE	11/21 N	8/20 N	10/22 N	11/26 NE	9/21 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	0/-7	1/-6	1/-5	1/-6	1/-7	0/-8
300	4/0	2/-2	3/-0	4/-0	3/-1	3/-1	2/-2
Valley	5/1	4/1	5/1	5/2	4/1	4/0	4/0
Freezing Level*	900m	600m	700m	800m	900m	800m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold, even at modest elevations, especially in rain and wintry precipitation. Feeling especially cold later in the day and overnight with a marked wind chill as winds strengthen. Be prepared with appropriate layers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 27 Nov 2023	0.6mm	0.8mm	0.8mm

Forecast for Tuesday 28 Nov 2023

Weather: The fragmenting showery band will soon clear to the south allowing for some fog and freezing fog patches to develop in the early hours, this may be slow to clear in sheltered spots. Otherwise, largely dry and sunny. Perhaps clouding over into the evening with the chance of showers pushing southwards later, falling as sleet or snow at height.

Maximum wind: Northeasterly 20-30, with gusts 30-45mph during the early hours, soon easing 10-15mph, gusting 20-25mph and turning more westerly. Becoming light and variable at lower elevations.

Chance of cloud-free hill tops above 600m: 40% in the early hours, otherwise around 80-90%. Lowering to 60% into the evening.

Low Cloud and visibility: Scattered or broken cloud bases 400-600m soon clearing away to the south with patchy cloud above summits for the rest of the day. Valley fog lifting and clearing, briefly obscuring some lower slopes and summits as it dissipates. Lowering to around 600m in late showers. Visibility poor or very poor in early fog or wintry showers, moderate in any rain. Otherwise excellent with clear views of distant hills.

Temperature: **Valleys:** Minus 2 to plus 4 Celsius
At 600m: Minus 3 to Zero Celsius
Freezing level: 600-800m, falling to 400m later

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